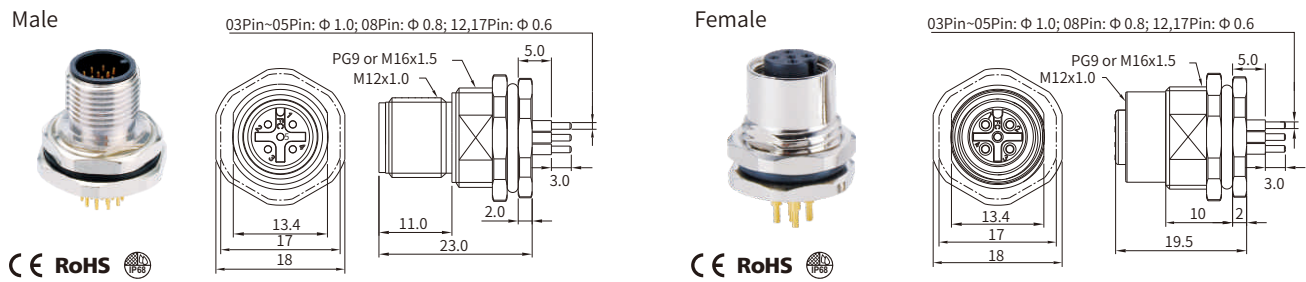


M12 A-coding (Sensor and Actuator)

M12 A-coding Straight Connector, Panel Mount, PCB Type, Front fastened



Specifications

Contacts	3	4	5	8	12	17
Certification	CYJV2(CYJV8).E321413		CYJV(CYJV7).E321413		CYJV(CYJV7).E321413	
Pin layout(Male)						
Pin layout(Female)						
Standard	IEC 61076-2-101					
Ambient temperature	-25°C ~ +90°C					
Connector insert	TPU					
Connector contacts	Brass with gold plated					
Coupling nut/screw	Brass with nickel plated					
Seal/O-ring	Epoxy resin / FKM					
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Earth tag/pin	Unavailable					
IP rating	IP67, IP68 in locked condition					
Mating endurance	>500 cycles					
Rated current	4 A			2 A		1.5 A
Rated voltage	250V AC/DC		60V AC/DC	30V AC/DC		30V AC/DC
Panel cut-out	Refer to page 384					
PCB layout	Refer to page 383					

Part Number

Pins	Male		Female	
	M16x1.5	PG9	M16x1.5	PG9
3	MB12MBAFF03ST-2	MB12MBAFF03ST-3	MB12FBAFF03ST-2	MB12FBAFF03ST-3
4	MB12MBAFF04ST-2	MB12MBAFF04ST-3	MB12FBAFF04ST-2	MB12FBAFF04ST-3
5	MB12MBAFF05ST-2	MB12MBAFF05ST-3	MB12FBAFF05ST-2	MB12FBAFF05ST-3
8	MB12MBAFF08ST-2	MB12MBAFF08ST-3	MB12FBAFF08ST-2	MB12FBAFF08ST-3
12	MB12MBAFF12ST-2	MB12MBAFF12ST-3	MB12FBAFF12ST-2	MB12FBAFF12ST-3
17	MB12MBAFF17ST-2	MB12MBAFF17ST-3	MB12FBAFF17ST-2	MB12FBAFF17ST-3